

Title (en)

SWITCHING BLEED VALVE FOR A GAS TURBINE ENGINE

Title (de)

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Title (fr)

SOUPAPE DE PURGE DE COMMUTATION POUR MOTEUR À TURBINE À GAZ

Publication

**EP 3462008 B1 20201125 (EN)**

Application

**EP 18198299 A 20181002**

Priority

US 201715722000 A 20171002

Abstract (en)

[origin: EP3462008A1] A gas turbine engine (20) includes a compressor section (24) having multiple stages, a combustor section (26) fluidly connected to the compressor section (24), a turbine section (28) fluidly connected to the combustor section (26), and a bleed structure (200) radially outward of the stages. The bleed structure (200) includes a body structure (214) having a first set of openings (216) radially outward of a first stage and a second set of openings (218) radially outward of a second stage. The bleed structure (200) further includes a circumferential sleeve (214) configured to cover the first set of openings (216) in a first position and configured to cover the second set of openings (218) in a second position. An actuator (230) is coupled to the circumferential sleeve (214) and is configured to articulate the circumferential sleeve (214) between the first and second positions.

IPC 8 full level

**F02C 9/18** (2006.01); **F01D 17/10** (2006.01); **F04D 27/02** (2006.01)

CPC (source: EP US)

**F01D 17/105** (2013.01 - EP US); **F02C 6/08** (2013.01 - EP US); **F02C 9/18** (2013.01 - US); **F02K 3/075** (2013.01 - US); **F04D 27/0215** (2013.01 - EP US); **F04D 27/023** (2013.01 - EP US); **F04D 29/522** (2013.01 - EP US); **F04D 29/542** (2013.01 - EP US); **F05D 2240/581** (2013.01 - US); **F05D 2260/57** (2013.01 - US); **F05D 2270/101** (2013.01 - EP US)

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